**Design**

The P-40iA is a mid-size painter robot with a payload capacity of 5kg.

**Features**

- Floor, invert, angle and wall mounting permits versatility for robot location and allows for minimal spray booth size
- Standard FANUC Robotics purge control
- Designed and approved for use in hazardous locations
- FM and ATEX approvals
- The latest generation of paint robots utilizing proven design
- Balanced arm design provides excellent near reach and stroke length
- Flip-Over capability provides for a wide variety of work envelopes
- Single arm offset configuration
- The R-30iB Mate Plus controller features a compact design and utilizes FANUC’s latest powerful technologies

**Options**

- One or four pneumatic three-way solenoid valves located in the purge cavity for gun triggering capability
- Mechanical unit & paint process equipment are monitored and protected by FANUC’s Zero Down Time package
- ROBOGUIDE PaintPRO Offline 3D Programming

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**Working range P-40iA**
### P-40iA

**Max. load capacity at wrist:** 5 kg  
**Max. reach:** 1300 mm

<table>
<thead>
<tr>
<th>Robot</th>
<th>Paint robot</th>
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<table>
<thead>
<tr>
<th>Series</th>
<th>Version</th>
<th>Type</th>
<th>Max. load capacity at wrist (kg)</th>
<th>Reach (mm)</th>
<th>Controlled axes</th>
<th>Mechanical weight (kg)</th>
<th>Motion range (°)</th>
<th>Maximum speed (°/s)</th>
<th>Allowable load moment at wrist (Nm) / Allowable load inertia at wrist (kg m²)</th>
<th>Input power source (VAC) (50-60 HZ)</th>
<th>Protection</th>
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<tbody>
<tr>
<td>P-40</td>
<td>iA</td>
<td>-</td>
<td>5</td>
<td>1300</td>
<td>6</td>
<td>± 0.03</td>
<td>110</td>
<td>± 180</td>
<td>± 120</td>
<td>± 360</td>
<td>220</td>
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</tbody>
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### Notes:
- Hatched area is restricted for angle and wall mount robots.
- See note 1.